

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-3. (Canceled)

Claim 4. (Previously Presented) A peptide having the sequence of:

R-Asn-Gly-Val-Gly- His- Gly-Phe-Gly-Asn-Gly-Val-Gly-Pro-Gly-Thr-Gly-Pro-Gly-Ser-
Gly-R'. (I) (SEQ ID NO: 1)

where R is H- or COCH₃, R' is COOH or CONH₂ and each amino acid has the L or D configuration.

Claim 5. (Previously Presented) A pharmaceutical composition comprising an effective dose of a peptide compound having the sequence of:

R-Asn-Gly-Val-Gly- His- Gly-Phe-Gly-Asn-Gly-Val-Gly-Pro-Gly-Thr-Gly-Pro-Gly-Ser-
Gly-R' (I) (SEQ ID NO: 1)

where R is H- or COCH₃, R' is COOH or CONH₂ and each amino acid has the L or D configuration, and at least one pharmaceutically acceptable inert ingredient.

Claim 6. (Previously Presented) The composition according to Claim 5, wherein the composition is in the form of pills, capsules, sugar coated pills, granules, solutions or syrups for oral administration; unguents or plasters for topical administration; suppositories for rectal

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administration or sterile solutions for injectable, inhalation or ophthalmic administration.

Claim 7. (Previously Presented) The composition according to Claim 5, wherein the at least one pharmaceutically acceptable inert ingredient is selected from the group consisting of preservatives, stabilizers, surface-active agents, buffers, salts which regulate osmotic pressure, emulsifying agents, sweeteners, dyes and flavoring agents.

Claims 8-9. (Canceled)

Claim 10. (Previously Presented) A method of preventing the onset of Multiple Sclerosis in a human being, comprising:

administering to a patient an effective amount of a peptide compound having the sequence of:

R-Asn-Gly-Val-Gly- His- Gly-Phe-Gly-Asn-Gly-Val-Gly-Pro-Gly-Thr-Gly-Pro-Gly-Ser-
Gly-R' (I) (SEQ ID NO: 1)

where R is H- or COCH_3 , R' is COOH or CONH_2 and each amino acid has the L or D configuration.

Claims 11-13. (Canceled)